

## Claims

What is claimed is:

1. A method comprising:
  - establishing a session between a remote control, a device and a media center;
  - authenticating a user at the media center to determine a user interface and an execution environment for the device;
  - sending the user interface and the execution environment to the device;
  - sending the user interface to the remote control; and
  - receiving a command at the media center from the user via the remote control and the user interface to operate the device.
2. The method of claim 1, wherein the remote control, the device and the media center are connected via a wireless network.
3. The method of claim 1, wherein the remote control is a handheld device with integrated full duplex 802.11b compatability.
4. The method of claim 1, wherein the remote control is a handheld device with a peripheral attachment having full duplex 802.11b compatability.
5. The method of claim 1, wherein the command comprises downloading modifications to the user interface.

6. The method of claim 5, wherein the modifications to the user interface are done by the user via the remote control.
7. The method of claim 1, wherein the command comprises downloading a new application and a new user interface for the device.
8. The method of claim 7, wherein the new application and the new user interface are downloaded by the user from a manufacturer's web site via the remote control.
9. The method of claim 1, further comprising saving a trace for the command at the media center.
10. A system comprising a media center that establishes a session between the media center, a device and a remote control, wherein the media center authenticates a user to determine a user interface and an execution environment for the device, wherein the media center sends the user interface and the execution environment to the device, wherein the media center sends the user interface to the remote control, and wherein the media center receives a command from the user via the remote control and the user interface to operate the device.
11. The system of claim 10, wherein the remote control, the device and the media center are connected via a wireless network.

12. The system of claim 10, wherein the remote control is a handheld device with integrated full duplex 802.11b compatability.
13. The system of claim 10, wherein the remote control is a handheld device with a peripheral attachment having full duplex 802.11b compatability.
14. The system of claim 10, wherein the command comprises downloading modifications to the user interface.
15. The system of claim 14, wherein the modifications to the user interface are done by the user via the remote control.
16. The system of claim 10, wherein the command comprises downloading a new application and a new user interface for the device.
17. The system of claim 16, wherein the new application and the new user interface are downloaded by the user from a manufacturer's web site via the remote control.
18. The system of claim 10, wherein the media center saves a trace for the command.

19. A machine-readable medium containing instructions which, when executed by a processing system, cause the processing system to perform a method, the method comprising:

establishing a session between a remote control, a device and a media center;

authenticating a user at the media center to determine a user interface and an execution environment for the device;

sending the user interface and the execution environment to the device;

sending the user interface to the remote control; and

receiving a command at the media center from the user via the remote control and the user interface to operate the device.

20. The machine-readable medium of claim 19, wherein the remote control, the device and the media center are connected via a wireless network.

21. The machine-readable medium of claim 19, wherein the remote control is a handheld device with integrated full duplex 802.11b compatability.

22. The machine-readable medium of claim 19, wherein the remote control is a handheld device with a peripheral attachment having full duplex 802.11b compatability.

23. The machine-readable medium of claim 19, wherein the command comprises downloading modifications to the user interface.

24. The machine-readable medium of claim 23, wherein the modifications to the user interface are done by the user via the remote control.
25. The machine-readable medium of claim 19, wherein the command comprises downloading a new application and a new user interface for the device.
26. The machine-readable medium of claim 25, wherein the new application and the new user interface are downloaded by the user from a manufacturer's web site via the remote control.
27. The machine-readable medium of claim 19, further comprising saving a trace for the command at the media center.